



Environmental Permits and How To Obtain Them

Environmental Assistance Office guidance document

6/2003

Contents

Introduction.....	1
Map of Regions.....	3
Permit Application Supplement.....	4
Tool to assure the business activity is or will be in compliance with all environmental permitting requirements	
Air Pollution Control Permits.....	9
Major Source New Source Review Permit.....	9
Minor Source New Source Review Permit.....	10
De Minimis New Source Review Permit.....	10
Portable Source Relocation Request.....	11
Hazardous Air Pollutant Permit.....	11
Operating Permit.....	12
Open Burning Permit.....	13
Asbestos Removal Notification.....	14
Asbestos Abatement Contractor Registration.....	14
Stage II Gasoline Vapor Recovery Construction Permit.....	15
Stage II Gasoline Vapor Recovery Operating Permit.....	16
Local Air Pollution Control Authorities.....	16
Hazardous Waste Management Permits.....	18
Hazardous Waste Facility Permit.....	18
Hazardous Waste Resource Recovery Certification.....	18
PCB (Polychlorinated Biphenyl) Facility Permit.....	19
Hazardous Waste Transporter License.....	20
Hazardous Waste Generator Registration.....	20
Underground Storage Tank Registration.....	21

Mining and Coal Exploration Permits.....	22
Industrial Mineral Surface Mining Permit.....	22
Coal Exploration Permit.....	22
Surface Coal Mine and Reclamation Permit.....	23
Metallic Mineral Waste Management Permit.....	23
Public Drinking Water Permits.....	25
Construction Permit.....	25
Permit to Dispense.....	25
Solid Waste Management Permits.....	27
Solid Waste Disposal Area Construction Permit.....	27
Solid Waste Disposal Area Operating Permit.....	27
Solid Waste Processing Facility Construction Permit.....	28
Solid Waste Processing Facility Operating Permit.....	28
Infectious Waste Processing Facility Construction Permit.....	29
Infectious Waste Processing Facility Operating Permit.....	29
Waste Tire Site Permit.....	30
Waste Tire Processing Facility Permit.....	30
Waste Tire End-User Registration.....	31
Waste Tire Hauler Permit.....	32
Water Pollution Control Permits.....	33
Sewer or Sewage Treatment Plant Construction Permit.....	33
Operating Permit	
National Pollutant Discharge Elimination System (NPDES).....	33
Wetland or Dredge and Fill Approval.....	34
Heat Pump Permit.....	35
Underground Injection Control Permit.....	35
Land Application Construction and Operating Permit (NPDES).....	35
Animal Feeding Operation Letter of Approval.....	36
Concentrated Animal Feeding Operation Construction	
and Operating Permits (NPDES).....	37
Storm Water Permits (NPDES).....	37
General Permits.....	38
Water Pollution Control General Permits in Effect.....	38
No-Discharge General Permits.....	39
Dam and Reservoir Safety Permits.....	40
Construction Permit.....	40
Registration and Safety Permits.....	40
Major Water Users Registration.....	41
Major Water Users Registration.....	41

Operator Certifications.....	42
Wastewater Operator Certification.....	42
Concentrated Animal Feeding Operations (CAFO), Waste Management System Operator Certification.....	42
Water Supply Operator Certification.....	43
Solid Waste Technician Certification.....	43
Asbestos Abatement Occupational Certification.....	44
Well Driller/Pump Installer Permit.....	45
Blaster Certification – Surface Coal Mining.....	45
Backflow Prevention Assembly Tester Certification.....	46
 Oil and Gas Well Permits.....	 47
Construction/Operation Permit.....	47
 Water Well Registration and Certification.....	 48
Well Certification.....	48
Well Registration.....	48
 Section 106 Review.....	 49
Section 106 Review.....	49

INTRODUCTION

Permits reviews are necessary

Permits are a necessary part of the environmental control business because it is your first and best shot at assuring environmental protection and compliance. In Missouri, a permit is required for almost every type of activity that can have an impact on the environment or the health of the state's citizens. These permits help ensure that environmental standards are met so Missourians can continue to enjoy healthy air, safe drinking water, clean streams and usable soil.

Preserving our historical and cultural resources is essential. If a project involves federal funds or has federal agency involvement, a Section 106 review is needed. Section 106 of the National Historic Preservation Act requires a review of all projects that involve properties or geographical areas that are presently on or eligible for the National Register.

Help is available

Read this publication thoroughly if you are planning an activity that could affect the state's air, water, soil, or mineral resources. Then contact the Missouri Department of Natural Resources about the permits you may need. A map is included that shows the five regional offices and seven satellite offices of the department. The central and regional office staff are available for preapplication meetings with you to help ensure that a complete application will be submitted. If you have little experience with or knowledge of the environmental aspects of your chosen activity, you may wish to contact the Environmental Assistance Office (EAO) for help by using their toll free number 1-800-361-4827. EAO can also assist in areas of pollution prevention, operator training, financial assistance, pursuit, and permit application completion.

Applying for a permit

Most environmental permits require you to submit an application, a filing fee and supporting documentation. The specific requirements and procedures for each type of permit vary depending on the state/federal laws and rules related to the activity being permitted. Many applications forms are found on our Web site at: www.dnr.mo.gov/oac/forms/index.html.

Supporting documentation may include such things as engineering reports, plans and specifications prepared by a registered professional engineer, geological evaluations or reclamation plans. Other required supporting materials may include performance bonds, financial assurance instruments, or preconstruction modeling or monitoring.

Once you submit an application it will be reviewed in detail by department staff and this review of an individual permit can be a lengthy process. As a general rule, it takes longer to process complex projects or those that involve several of the department's programs. Make sure that the application is complete. If the department must request additional information, the permit review is suspended and no further action is taken until the required information is received. Be sure to allow for review time and submit your application well in advance of anticipated work or deadlines.

At some point in the review process, many permits have a public participation requirement. A public notice is published and a public hearing may be held to provide citizens an opportunity to comment on a proposed permit. The public comment period varies but is usually 30 to 90 days. After receiving comments from the public, the department may modify a permit or request additional information from an applicant. In addition, some permits also must be approved by commissions associated with the department.

When you obtain a permit

Each permit issued by this department is a legal document. In applying for and accepting a permit, you agree to abide by its terms and conditions. When you receive a permit, read it carefully to look for errors. If you have questions about your permit, for clarification call your nearest regional office or the program that issued the permit. Once you have read and understand the permit, make sure those who need it most read it and keep it readily available. The department's field personnel will conduct on site inspections to determine if the business is in compliance with the permit conditions. Remember, state and federal environmental laws provide severe penalties for violating the requirements of the law or permit conditions, and for failing to obtain a permit when one is required.

Transfer of permits

If you are selling or buying a facility that has environmental permits, sometimes these permits can be easily transferred from seller to buyer without going through the entire permitting process. For information on permit transfers call the Environmental Assistance Office at 1-800-361-4827 and ask for the pamphlet called – *A Guide to Missouri Department of Natural Resources Permit Transfers*.

**Missouri Department of Natural Resources
Departmental Offices Map**

MISSOURI DEPARTMENT OF NATURAL RESOURCES

PERMIT APPLICATION SUPPLEMENT–Are Other Environmental Permits Needed?

As a tool to help you assure that the business activity associated with your permit application is or will be in compliance with all of the environmental permitting requirements of the state of Missouri, we request that this application supplement form be completed and attached to the regular permit application. Review and completion of this form is recommended even if your permit application is only for renewal of an existing permit and no change in overall operation or activities is being proposed. Your business activities may require certain additional permits that were not required in the past because of recent changes in environmental laws and regulations. Positive answers to the questions posed in Part II indicate the need to contact the division for further information about other permitting requirements; they do not signify noncompliance.

Facility Name
City/County

Part I

For this project, have you obtained or applied for any permits or other approvals from any of these programs?

YES NO

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Air Pollution Control Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Public Drinking Water Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Water Pollution Control Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Solid Waste Management Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Hazardous Waste Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Land Reclamation Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Department of Natural Resources Regional Office nearest you |
| <input type="checkbox"/> | <input type="checkbox"/> | Dam and Reservoir Safety Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Geological Survey Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Water Resources Program |
| <input type="checkbox"/> | <input type="checkbox"/> | Historic Preservation Office |

Part II

Answer the following questions to determine if any or additional permits are required. For your convenience, the applicable state law (RSMo) and Code of State Regulation citation (CSR) is listed after the program name. Copies of the *Revised Statutes of Missouri* are available through the Reviser of Statutes at (573) 526-1288, or on-line at

www.moga.state.mo.us/homestat.asp.

. Copies of the *Missouri Code of State Regulations* are available, for a charge, through the Missouri Secretary of State at (573) 751-4015, or on-line at

<http://www.sos.mo.gov/adrules/csr/csr.asp>.

. Federal regulations may be viewed at federal depository libraries, may be purchased from a U.S. Government Bookstore, the U.S. Government Printing Office, or from a commercial information service such as the Bureau of National Affairs. Federal Regulations are also available on-line at www.access.gpo.gov/nara/cfr/index.html and may be available at your local library.

Air Pollution Control Program*(Chapter 643 RSMo; 10 CSR 10)*

YES NO

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Will this project result in any air pollutants being emitted into the atmosphere? |
| <input type="checkbox"/> | <input type="checkbox"/> | For this project, is there combustion of any fuels or other materials other than in small space heaters? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will this project use or store paints, thinners, solvents, degreasers, petroleum products or other similar liquids? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will this project routinely handle, use or produce dry bulk materials such as cotton, cement, limestone, lime, sawdust, fly ash, fertilizers, grain, or feed? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will this project involve sawing, shredding, chipping or grinding materials in its operation? |

Public Drinking Water Program*(Chapter 640 RSMo; 10 CSR 60)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will your water supply system provide water for human consumption to 15 or more service connections or dwelling units? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your water supply system provide water to an average of 25 individuals daily at least 60 days out of the year? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will you be constructing water lines to connect this project to an existing community water system? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will a new well be drilled for a water supply? |

Water Pollution Control Program*(Chapter 644 RSMo; 10 CSR 20)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will you be constructing sanitary sewer lines to connect your project to an existing community sewer system? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will you be constructing a wastewater treatment system? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will wastewater or cooling water be discharged from the project site into a ditch or body of water? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will wastewater or sludges be disposed of on site? |
| <input type="checkbox"/> | <input type="checkbox"/> | If your project is residential and will discharge wastewater to a ditch or stream, will it serve more than one family unit? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project require more than one acre of excavation or earth moving? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project have process or transport areas exposed to precipitation? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve dredging, filling, or any construction within or on the banks of a waterway or wetland? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve confined animal feeding? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project include the installation of a ground-water heat pump injection/withdrawal system serving more than eight households? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project include on-site liquid waste disposal for more than six households? |

Solid Waste Management Program*(Chapter 260 RSMo; 10 CSR 80)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project include the on-site disposal or burial of the following: municipal solid waste, sludge from a wastewater treatment plant, dead animals, septic tank pumpings, contaminated non-hazardous material, fly or bottom ash from coal combustion, construction waste or demolition waste? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your facility process, treat, or transfer any infectious waste from off-site? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your facility process, treat, or transfer any mixed solid waste (solid waste and recyclables) from off-site? |
| <input type="checkbox"/> | <input type="checkbox"/> | As part of your normal business, will your facility regularly store or handle waste tires? |

Hazardous Waste Program*(Chapter 260 and 319 RSMo; 10 CSR 20 and 25)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will the activities at your facility include the generation, transportation, burial, treatment or storage of liquid waste, industrial waste, wastewater treatment plant sludge, or any wastes that might be corrosive, flammable, reactive or toxic? |
| <input type="checkbox"/> | <input type="checkbox"/> | Does your facility use any chemicals in the manufacture of a product or in providing a service to the consumer? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will there be any underground storage tanks on the property? |

Land Reclamation Program*(Chapter 444 RSMo; 10 CSR 40 and 45)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve surface mining of gravel, limestone, granite, traprock, tarsands, clay, barite, sandstone, oil shale, sand or shale? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve exploration for or mining of coal? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve the disposal of waste from metallic minerals mining? |

There are also permitting requirements in the department's Geological Survey and Resources Assessment Division (GSRAD).

Dam and Reservoir Safety Program*(Chapter 236 RSMo; 10 CSR 22)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project result in the construction of any artificial or manmade barrier that does or may impound water and is 35 feet or more in height from the lowest point of the toe of the barrier up to the crest elevation. |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve altering, enlarging, reducing, repairing, or removing a new or existing dam that is 35 feet or more in height? |

Geological Survey Program*(Chapter 256 RSMo; 10 CSR 23)*

YES NO

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve soil borings for mineral, oil, or gas exploration? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve drilling a well for residences or multifamily dwellings? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve drilling a well for irrigation? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve drilling a well for groundwater assessment or investigations? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve drilling a well for a residential or multifamily groundwater heat pump? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve the injection of fluid into the soil or groundwater? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve production of oil or gas? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will your project involve drilling of community or non-community wells? |

Water Resources Program*(Chapter 256 RSMo)*

YES NO

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Will you supply your own water for this project by pumping or diverting 100,000 gallons or more per day from a well or a surface water source? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will you supply water to this project by pumping or diverting water at seventy gallons per minute or more from a well or surface water source? |

Part III

In Missouri, the Department of Natural Resources' State Historic Preservation Office (SHPO) plays an important role in Section 106 review. Although a permit is not issued, the SHPO is required to consult and provide comments on projects that have federal involvement.

Section 106 of the National Historic Preservation Act (NHPA) requires federal agencies to consider the effects of their actions on historic properties and provide the Federal Advisory Council on Historic Preservation (ACHP) the opportunity to comment on proposed actions. The regulations are published in the Code of Federal Regulations at 36 CFR Part 800 and can be found on the Council's Web site at www.achp.gov/regs.html.

During Section 106 review, properties are evaluated according to criteria established by the National Park Service, which administers the National Register of Historic Places. The National register criteria and guidelines for their application can be found at www.cr.nps.gov/nr/publications/bulletins/nrb15/. Properties must be determined eligible for listing, or already listed on the National Register to be considered during Section 106 review. Properties can be significant to a local community, a state, an Indian tribe, or the Nation. Section 106 review is your opportunity to alert the federal government to properties you value and to influence decisions about the federal projects that may affect them.

It is the involvement of a federal agency that prompts consultation with the SHPO. Section 106 review must be completed prior to the approval of the expenditure of any Federal funds on the project or prior to the issuance of any permit or license. The first step is to determine whether the federal government is involved. Answer the following questions to determine if a Section 106 review may be needed.

Historic Preservation Office

(36 CFR 800 Section 106)

YES NO

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Is the project receiving federal funds, grants, or loans? |
| <input type="checkbox"/> | <input type="checkbox"/> | Will a federal agency carry out the project? |
| <input type="checkbox"/> | <input type="checkbox"/> | Is a federal permit, license, or approval needed? |
| <input type="checkbox"/> | <input type="checkbox"/> | Is a federally owned or controlled property involved? |

You may contact any of the environmental permitting agencies in the department at the following phone numbers:

Air and Land Protection Division:

Air Pollution Control	(573) 751-4817
Hazardous Waste	(573) 751-3176
Land Reclamation	(573) 751-4041
Solid Waste Management	(573) 751-5401

Water Protection and Soil Conservation Division:

Public Drinking Water	(573) 751-5331
Water Pollution Control	(573) 751-1300

Regional Offices:

Kansas City	(816) 622-7000
Northeast (Macon)	(660) 385-2129
St. Louis	(314) 416-2960
Southeast (Poplar Bluff)	(573) 840-9750
Southwest (Springfield)	(417) 891-4300

GSRAD Offices:

Rolla	(573) 368-2100
Dam Safety Program	(573) 368-2175
Geological Survey Program	(573) 368-2160
Water Resources Program	(573) 368-2188

Outreach and Assistance Center:

Environmental Assistance Office	(573) 526-6627
Historic Preservation Office	(573) 751-7858

If you have other environmental concerns not described here but associated with your project or facility, or if you believe you will require assistance with a permit application or other compliance issue, you are encouraged to call the department's Environmental Assistance Office toll free at 1-800-361-4827.

Air Pollution Control Permits

Missouri Department of Natural Resources
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-4817

Or contact your nearest regional office of the department.

If the activity of concern is located in St. Louis City, St. Louis County, Kansas City or Springfield, you will need to contact the local air pollution control authority for all air pollution permitting. The list of these authorities is at the end of this section.

Major Source New Source Review Permit

Regulated Activities:	The construction or modification of a facility or process, such that the construction or the modification has the potential to emit more than the major emission level of a regulated air contaminant. The major emission level will either be 100 or 250 tons per year depending on whether the facility is a named industrial source. For existing major sources, construction or modification that produces a net emissions increase of greater than the <i>de minimis</i> levels will also fall under this review. The table of <i>de minimis</i> levels is listed in the operating permit description.
Fees:	\$100 filing fee \$50 per hour of review time
Required Documents:	Two copies of completed application form and documentation of control technology selection (either best available control technology or lowest achievable emission rate). Air quality modeling and up to one year's ambient air monitoring may be required depending on the pollutants being emitted.
Length of Permit:	Two years from date of issuance to start construction and the permit may be revoked if construction is not started by then. A new source review permit must be received before construction begins. If construction stops prior to completion of the project and is stopped for more than 18 months, additional modeling and a new control technology analysis may be required. The conditions of the permit do not expire.
Average Processing Time:	150 days. This can be a complex permitting process. Early preapplication conferences are encouraged.
Public Participation:	Public notice and opportunity for public hearing are required.
Applicable Statutes:	RSMo 643.075
Applicable Rules:	10 CSR 10-6.060, and 10-6.020

Minor Source New Source Review Permit

Regulated Activities:	Any installation, process or operation to be constructed or modified, such that the construction or the modification has the potential to emit at or greater than the <i>de minimis</i> level of a regulated air contaminant but less than major source levels per year.
Fees:	\$100 filing fee \$50 per hour of review time
Required Documents:	Two copies of the completed application form. Supplemental documentation such as air quality modeling may be required for some applications depending on pollutants being emitted.
Length of Permit:	Two years from date of issuance to start construction and the permit may be revoked if construction is not started by then. A pre-construction waiver may be granted if requested by the applicant and if all criteria for a waiver are met.
Average Processing Time:	83 days
Public Participation:	None required
Applicable Statutes:	RSMo 643.075
Applicable Rules:	10 CSR 10-6.060, and 10-6.020

***De Minimis* New Source Review Permit**

Regulated Activities:	The modification of a major or minor installation when the modification by itself has the potential to produce emissions below the <i>de minimis</i> level for each regulated air contaminant.
Fees:	\$100 filing \$50 per hour of review time
Required Documents:	Two copies of the completed application form.
Length of Permit:	Two years from date of issuance to start construction and permit may be revoked if construction is not started by then. A pre-construction waiver may be granted if requested by the applicant and if all criteria for a waiver are met.
Average Processing Time:	82 days
Public Participation:	None required
Applicable Statutes:	RSMo 643.075
Applicable Rules:	10 CSR 10-6.060, and 10-6.020

Portable Source Relocation Request

Regulated Activities:	The relocation of industrial emission sources designed for and capable of being moved to other sites around the state. A new source review permit is required initially for a new or modified portable source but are not required again for setup at each relocation. Each new location is evaluated for air quality impact.
Fees:	No review time fees for relocation to previously approved site locations. For relocation to new site a \$200 filing fee is required. However no processing fee is charged.
Required Documents:	Report of Portable Source Relocation form, maps of location, source layout and associated site specific documentation (haul roads/storage pile information).
Length of Permit:	Two years from date of starting operations at a temporary site or the date specified in the approved relocation request.
Average Processing Time:	Seven days for previously approved locations. 21 days for new location for previously permitted equipment.
Public Participation:	None required
Applicable Statutes:	RSMo 643.075
Applicable Rules:	10 CSR 10-6.060, 10-6.020 and 10-6.010

Hazardous Air Pollutant (HAP) Permit

Regulated Activities:	The construction or reconstruction of any new process or production unit which has the potential to emit 10 tons per year of any single HAP or 25 tons per year of combined HAPs; and which is not in a source category covered by a federal standard for reduction of hazardous air pollutant emissions under section 112 of the Clean Air Act of 1990. These federal standards are found in 40 CFR Parts 60 and 63.
Fees:	\$100 filing \$50 per hour review
Required Documents:	Two copies of the completed application form. Documentation that existing emission control equipment constitutes best achievable control technology (BACT), lowest achievable emission rate (LAER), as described in 40 CFR Part 51 or 52; or toxic best available control technology (T-Bact) or maximum achievable control technology (MACT) for the HAPs to be emitted by the process or production unit. If HAP control technology does not currently exist, then document that the control technology to be used meets MACT standards for the pollutants to be emitted, including alternative control technologies considered. The review of the control technology documentation is sometimes called "case by case MACT" review.

Length of Permit:	Construction must commence within 18 month of permit issuance. Permits may be extended, but in no case for more than 30 months after issuance.
Average Processing Time:	Thirty calendar days to determine the application is complete; then 30 calendar days to notify the applicant that the proposed MACT is approved or disapproved. If the proposed MACT is approved, the permit must be issued within 90 calendar days of notice that the application is complete. If the proposed MACT is rejected, the applicant has 60 calendar days from the date of receipt of disapproval to provide in writing, additional information for review. In this event, the applicant must be notified within 30 days after the additional information is received if the application will be approved.
Public Participation:	Public notice and a 30 day comment period is required. Public comments may result in delaying the permit review for the applicant's response to the comments.
Applicable Statutes:	RSMo 643.050
Applicable Rules:	10 CSR 10-6.060 and 10 CSR 10-6.020

Operating Permits

Regulated Activities:	<p>Missouri's operating permit program applies to all Missouri installations which have the potential to emit more than the specified <i>de minimis</i> level of any regulated air contaminant. There are three classes of operating permits in Missouri depending on the potential emissions from the installation. Installations required to have an operating permit regardless of the potential emissions are: incinerators'; sources subject to federal New Source Performance Standard(s); and those subject to National Emission Standards for Hazardous Air Pollutants, including Maximum Achievable Control Technology standards.</p> <p>A Part 70 permit is required of installations with potential emissions exceeding 100 tons per year of any non-Hazardous Air Pollutant (HAP), or 10 tons per year of any single HAP, or 25 tons per year of two or more HAPs. These installations are called major sources. The second class of operating permit, Intermediate (Synthetic Minor) is for installations where actual emissions are below the major source level, that choose to take voluntary limits on their operations to keep emissions below the major level. These conditions are called <i>Federally Enforceable Permit Conditions</i>, and the limited emissions become the installation's new potential emissions. A Basic State permit is required for installations where potential emissions are greater than the <i>de minimis</i> level, but less than 100 tons per year of any non-HAP pollutant. A basic permit is also required of certain installations subject to a federal Maximum Achievable Control Technology standard for which the EPA has deferred the requirement they obtain a Part 70 permit. The largest number of deferred sources are dry cleaners using perchloroethylene solvent.</p>
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Another type of installation is one that obtains a construction permit limiting its actual emissions to less than *de minimis* levels and is otherwise required to have an operating permit. These installations are called **Synthetic De Minimis** and do not have to get an operating permit as long as they document that emissions stay under the *de minimis*.

General operating permits are available for the following industries: bulk fertilizer handling, concrete plants, cotton ginning operations, grain handling operations, hot mix asphalt plants, perchloroethylene dry cleaners, quarries, and sand/gravel plants.

Fees:	\$100 filing fee
Required Documents:	Completed application form. New Part 70 installations must apply within one year of starting up operations. Other new installations must apply within 30 days of start up. Renewal applications must be filed no sooner than 18 months and no later than 6 months before expiration.
Length of Permit:	Five years from date of issuance.
Average Processing Time:	It may take up to 18 months to issue a Part 70 operating permit. Intermediate and Basic State operating permits will be issued in less than 18 months.
Public Participation:	Public notice and opportunity for public hearing are required on all Part 70 and Intermediate operating permits.
Applicable Statutes:	RSMo 643.078
Applicable Rules:	10 CSR 10-6.065, and 10 CSR 10-6.020

Open Burning Permit

Regulated Activities: Open burning of tree trunks, tree limbs and vegetation from land clearing operations is allowed only in the outstate area if the burning takes place outside the city limits of any incorporated area or municipality and at least 200 yards from the nearest inhabited dwelling. The outstate area is the geographical area comprising those counties not contained in the Kansas City or St. Louis metropolitan areas or the Springfield-Greene County area.

City or county governments may impose restrictions in addition to Missouri's state regulations. Prior to conducting any open burning, businesses and citizens should contact the city or county of jurisdiction for any local restrictions.

Missouri allows fires to be set for the purpose of training fire fighters. Contact the nearest DNR Regional office or the local agency in the Springfield-Greene County area, St. Louis metropolitan area and

Kansas City metropolitan area for requirements. All fire training exercises must be in compliance with 40 CFR part 61 subpart M, *National Emission Standard for Hazardous Air Pollutants*, for asbestos and National Fire Protection Association (NFPA) 1403.

Fees:	None
Required Documents:	Completed application form; contact your nearest regional office
Length of Permit:	Negotiable
Average Processing Time:	Five days
Public Participation:	None required
Applicable Statutes:	RSMo 643
Applicable Rules:	10 CSR 10-2.100, 10-3.030, 10-4.090, and 10-5.070

Asbestos Removal Notification

Regulated Activities:	The removal of regulated asbestos containing materials (RACM) during renovation, demolition or operations and maintenance of any building or other air contaminant source. Demolition of any regulated structure, regardless of presence of asbestos.
Fees:	\$100 filing fee for projects of 160 square feet or 260 lineal feet, or larger, of friable asbestos containing materials; no fee for smaller projects.
Required Documents:	Completed notification form.
Timing for Submittal:	No later than 10 working days before the project commences.
Length of Permit:	Good only for the dates specified in the notification.
Public Participation:	None required
Applicable Statutes:	RSMo 643.225 through 643.250
Applicable Rules:	10 CSR 10-6.250 and 40 CFR Part 61, Subpart M

Asbestos Abatement Contractor Registration

Regulated Activities:	Any regulated project must be performed by a contractor registered with the Department of Natural Resources. Under certain strict conditions a business may obtain a one time exemption to perform asbestos mitigation work in its own place of business.
Fees:	\$1,000 per year for contractor registration.

Required Documents:	The appropriate completed application and the following: 1) An outline of the company's respiratory protection program and employee medical surveillance for compliance with OSHA and EPA Worker Protection Laws; 2) At least one certificate number of a Missouri certified supervisor within their employment.
Length of Permit:	One year
Average Processing Time:	Three to six weeks
Public Participation:	None required
Applicable Statutes:	RSMo 643.225 through 643.250
Applicable Rules:	10 CSR 10-6.250 and 40 CFR Part 61, Subpart M

Stage II Gasoline Vapor Recovery Construction Permit

Regulated Activities:	The construction of new gasoline dispensing facilities and any modification to existing gasoline dispensing facilities when the activity may affect the vapor recovery and/or gasoline dispensing equipment. Permits are required only in the St. Louis ozone nonattainment area (Counties of St. Louis, Franklin, Jefferson, St. Charles and St. Louis City).
Fees:	\$100 Missouri application fee for facilities in Franklin, Jefferson and St. Charles Counties. Missouri fee waived in St. Louis County and St. Louis City. \$300 County Construction permit fee in St. Louis County. \$100 Construction permit fee in St. Louis City.
Required Documents:	Completed application, current California Air Resources Board (CARB) executive order(s) for Stage I and Stage II equipment that will be installed, Missouri Performance Evaluation Test procedures (MOPETP) approval numbers, site-specific plan for layout of dispensers, tanks, products lines and vapor lines including elevation plan and slope.
Length of Permit:	A construction permit is required for each new construction and each regulated modification of an existing facility. The length of each permit is one year.
Average Processing Time:	30 – 60 days. Applications to be submitted at least 60 days prior to beginning construction.
Public Participation:	Not required
Applicable Statutes:	RSMo 643
Applicable Rules:	10 CSR 10-5.220

Stage II Gasoline Vapor Recovery Operating Permit

Regulated Activities:	An operating permit is required upon completion of a new gasoline dispensing facility and upon completion of regulated modifications to an existing gasoline dispensing facility. Existing gasoline dispensing facilities must submit an application for an operating permit upon notification by the department, completion of construction or 60-days prior to expiration of current operating permit. Permits are required only in the St. Louis ozone nonattainment area (Counties of St. Louis, Franklin, Jefferson, St. Charles and St. Louis City).
Fees:	\$100 Missouri State application fee for facilities in Franklin, Jefferson and St. Charles Counties. State operating permit fee for new construction and modifications should be submitted with the construction permit application and fee. Missouri State fee waived in St. Louis County and St. Louis City. St. Louis County fee for new stations \$300 per facility and \$100 per emission point (nozzles and tanks). \$100 fee for St. Louis City.
Required Documents:	Completed application, current California Air Resources Board (CARB) executive order(s) for Stage I and Stage II equipment that is/will be installed, MOPETP approval numbers, site-specific plan for layout of dispensers, tanks, product lines and vapor lines including elevation plan and slope (if available on existing facilities), proof of passage of pressure decay test, back pressure blockage test and pressure/vacuum valve bench test.
Length of Permit:	Permits will be issued for five years. New operating permits will be issued whenever the facility undergoes a regulated modification.
Average Processing Time:	30 – 60 days.
Public Participation:	Not required
Applicable Statutes:	RSMo 643
Applicable Rules:	10 CSR 10-5.220

Local Air Pollution Control Authorities

City of St. Louis
Division of Air Pollution Control
1415 N. 13th Street
St. Louis, MO 63106
(314) 613-7300 fax: (314) 613-7275

Springfield-Greene County
Air Pollution Control Authority
227 East Chestnut Expressway
Springfield, MO 65802
(417) 864-1662 fax: (417) 864-1499

St. Louis County Department of Health
Air Pollution Control Section
111 South Meramec
Clayton, MO 63105
(314) 615-8923 fax: (314) 615-8951

Kansas City Health Department
Air Quality Section
2400 Troost Avenue, Suite 3000
Kansas City, MO 64108
(816) 513-6314 fax: (816) 513-6290

Hazardous Waste Management Permits

Missouri Department of Natural Resources

Hazardous Waste Program

P.O. Box 176

Jefferson City, MO 65102

(573) 751-3176

Or contact your nearest regional office of the department.

Hazardous Waste Management Facility Permit

Regulated Activities:	The construction and operation of hazardous waste treatment, storage and/or disposal facilities (TSDFs). All TSDFs are required to implement site-wide investigation and remediation of releases of hazardous waste and/or hazardous waste constituents to the environment.
Fees:	The application fee is \$1,000. If a permit is issued, an additional \$1,000 is required at that time for each year that the permit will be in effect. In addition, the applicant must reimburse the department for all reasonable costs incurred by the department in the course of permit review.
Required Documents:	Completed application form, including necessary engineering plans, reports, financial assurance instruments, habitual violator form and other documents. Air or water pollution permits may also be required.
Length of Permit:	10 years, maximum
Average Processing Time:	495 days
Public Participation:	Application made available for public review; public notice and 45-day comment period on draft permit required; public hearing upon request.
Applicable Statutes:	RSMo 260.350 through 260.552
Applicable Rules:	10 CSR 25

Hazardous Waste Resource Recovery Certification

Regulated Activities:	Facilities which legitimately recycle, reclaim, or reuse hazardous waste, or transform hazardous waste into new products, which are not hazardous waste.
Fees:	The application fee is \$500 for facilities handling only on site wastes and \$1000 for facilities accepting off site wastes. In addition, the applicant must reimburse the department for all reasonable costs incurred by the department in the course of certification application review.

Required Documents:	Completed application form including process details. In addition, air pollution or water pollution permits may be required.
Length of Certification:	Two years. Must recertify every two years.
Average Processing Time:	90 days
Public Participation:	None required
Applicable Statutes:	RSMo 260.350 through 260.552
Applicable Rules:	10 CSR 25-9

Polychlorinated Biphenyl (PCB) Facility Permit

Regulated Activities:	The construction and operation of facilities that accept PCBs for brokerage, treatment, storage or disposal on a commercial basis. Permits will be coordinated with those required by the U.S. Environmental Protection Agency under the Toxic Substances Control Act (TSCA).
Fees:	The application fee is \$1,000; if a permit is issued, an additional \$1,000 is required at that time for each year that the permit will be in effect. In addition, the applicant must reimburse the department for all reasonable cost incurred by the department in the course of permit review.
Required Documents:	Completed application form, including necessary engineering plans, reports and other documents. In addition, air or water pollution permits may be required.
Length of Permit:	Ten years, maximum
Average Processing Time:	495 days
Public Participation:	Application made available for public review; public notice and 45-day comment period on draft permit required; public hearing upon request.
Applicable Statutes:	RSMo 260.396
Applicable Rules:	10 CSR 25-13

Hazardous Waste Transporter License – Now issued by MODOT, Motor Carrier Services Unit

Regulated Activities:	Required for the transportation of hazardous wastes for which a hazardous waste manifest is necessary; certain exceptions apply. Also required for used oil and infectious waste transporters.
Fees:	\$200 application fee plus user fee based on weight of power units, % of MO miles and % of hazardous waste of MO shipments.
Required Documents:	Completed application form, Certificate of Corporate Good Standing, Insurance Form E and disclosure statement.
Length of License:	One year
Average Processing Time:	90 days first time, 60 days for renewal.
Public Participation:	None required
Applicable Statutes:	RSMo 260.395
Applicable Rules:	10 CSR 25-6.263, 10 CSR 25-12.010

Hazardous Waste Generator Registration

Regulated Activities:	Hazardous waste generation, manifesting, storage and recordkeeping.
Fees:	\$100 fee is required for all new registrations or to reactivate a currently inactive registration. \$100 annual renewal fee in order to maintain an active registration. Generator fees and taxes based on volume of waste produced and disposal method used.
Required Documents:	Completed Notice of Regulated Waste Activity form MO 780-1164 (10-00) and periodic manifest summary reports.
Length of License:	Notification is valid until registrant requests deactivation.
Average Processing Time:	30 days for in state generators, 15 days for out-of-state generators.
Public Participation:	None required
Applicable Statutes:	RSMo 260.350 through 260.552
Applicable Rules:	10 CSR 25-5.262

Underground Storage Tank Registration

Regulated Activities:	Any underground storage tank (UST) in operation on or after Jan. 1, 1974 that contains petroleum or a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) listed hazardous substance (except hazardous waste).
Fees:	\$75 per underground storage tank per five year registration.
Required Documents:	A completed UST Registration form. A notice of intent to install USTs must be submitted 30 days prior to any new UST installation. The notice must include the owner's name, name and location of the facility, date of expected installation and date of expected use. The UST Registration form must be submitted within 30 days of bringing the UST into use. Amended registration forms must be submitted when a change in information that was previously submitted to the department occurs. A UST Closure Notice is to be submitted 30 days prior to scheduled closure or removal activities for any operating or out of use underground storage tank.
Length of Permit:	Registration fees are invoiced for a five year cycle.
Average Processing Time:	10 days
Public Participation:	Not applicable
Applicable Statutes:	RSMo 319.100 through 319.139
Applicable Rules:	10 CSR 20-10.010 through 10 CSR 20-10.074

Mining and Coal Exploration Permits

Missouri Department of Natural Resources
Land Reclamation Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-4041

Industrial Mineral Surface Mining Permit

Regulated Activities:	The surface mining of sand and/or gravel, limestone, granite, traprock, tarsands, clay, barite, sandstone, oil shale, sand and shale.
Fees:	The annual application fee is \$500, plus \$5 per permitted acre and \$300 per site. A maximum fee is set at \$2500 and small sand and gravel operators pay \$300 total. A minimum reclamation bond of \$8,000 must be posted on all operations, except instream gravel mining. This bond covers up to eight acres. An additional bond of \$500 per acre is required for each additional acre.
Required Documents:	Completed application form, site information form, mine plan or stream protection plan form, bonding forms and consent to entry form.
Length of Permit:	12 months
Average Processing Time:	60 - 90 days if no hearing requested.
Public Participation:	Public notice required on new or expanded operations and transfers.
Applicable Statutes:	RSMo 444.760 through 444.790
Applicable Rules:	10 CSR 40-10

Coal Exploration Permit

Regulated Activities:	Coal-exploration activities, including both drilling and pit excavation. There are separate permit requirements for those operations that include either significant surface disturbance or removal of more than 250 tons of coal.
Fees:	The application fee is \$100. A minimum reclamation bond of \$5,000 must be posted for drilling operations and full-cost bonding is required for other exploration activities.
Required Documents:	Completed application form.
Length of Permit:	One year for drilling; others established individually.
Average Processing Time:	Two weeks for exploratory drilling; 90 days for permits involving significant disturbance.

Public Participation: Public notice and 30 day comment period.

Applicable Statutes: RSMo 444.845

Applicable Rules: 10 CSR 40-4.010, and 40-6.020

Surface Coal Mine and Reclamation Permit

Regulated Activities: Surface coal mine operations and the surface-disturbed areas of underground coal mines.

Fees: The application fee is \$100, plus \$100 per permitted acre. A reclamation bond of \$2,500 per each acre must be posted. In addition, there is an annual permit fee of \$100 and a \$100 permit renewal fee every five years.

Required Documents: Completed application form, operating and reclamation plans. In addition, air pollution, water pollution, U.S. Army Corps of Engineers permit, and Mine Safety and Health Administration (MSHA) permits may be required.

Length of Permit: Five years

Average Processing Time: 120 days

Public Participation: Public notice and 60-day comment period prior to and 30-day after issuance.

Applicable Statutes: RSMo 444.800 through 444.970

Applicable Rules: 10 CSR 40-3 through 10 CSR 40-8

Metallic Mineral Waste Management Permit

Regulated Activities: The disposal of waste from metallic minerals mining, beneficiation and processing.

Fees: Permit Fee - \$10,000 initial fee per facility and \$7,500 renewal fee per facility.
Financial Assurance - \$1,000 per permitted acre but not less than \$20,000 per facility.

Required Documents: Inspection-Maintenance and Closure Plan. Coordination with Air Pollution Control Program, Water Pollution Control Program, Dam Safety Program, Solid Waste Management Program, Hazardous Waste Management Program and Underground Injection Control regulations required.

Length of Permit: Indefinite, but reviewed every five years.

Average Processing Time: 90 days of receipt of a completed application.

Public Participation:	No public notice required
Applicable Statutes:	RSMo 444.350 through 444.380
Applicable Rules:	10 CSR 45-1 through 10 CSR 45-8

Public Drinking Water Permits

Missouri Department of Natural Resources

Public Drinking Water Program

P.O. Box 176

Jefferson City, MO 65102

(573) 751-5331

Or contact your nearest regional office of the department.

Construction Permit

Regulated Activities: The construction, expansion or modification of a public water system, a water supply source, water storage, distribution system or treatment facility. A public water system is one that has at least 15 or more service connections or regularly serves an average of 25 consumers per day at least 60 days out of the year.

Fees: None

Required Documents: Completed application form, engineering report, detailed plans and specifications.

Length of Permit: Two years

Average Processing Time: 45 days

Public Participation: None required

Applicable Statutes: RSMo 640.115

Applicable Rules: 10 CSR 60-3.010 and 60-10.010

Permit to Dispense

Regulated Activities: Required for the operation of a new, improved or existing public water system.

Fees: No fees for permit. There are annual laboratory services fees, based on type of facility and population.

Required Documents: Completed application form with supporting documentation as to reliable water system operation, water quality meeting applicable maximum contaminant levels, acceptable water system construction, and completion of an emergency operating plan.

Length of Permit: Effective until revoked

Average Processing Time: 60 days

Public Participation:	None required
Applicable Statutes:	RSMo 640.115
Applicable Rules:	10 CSR 60-3.010 and 60-16.030

Solid Waste Management Permits

Missouri Department of Natural Resources

Solid Waste Management Program

P.O. Box 176

Jefferson City, MO 65102

(573) 751-5401

Or contact your nearest regional office of the department.

Solid Waste Disposal Area Construction Permit

Regulated Activities:	The construction of solid waste disposal facilities accepting waste from any commercial, industrial, recreational or governmental operation or from more than one residence. Certain limited solid waste disposal activities may be exempt from permit requirements [Reference 10 CSR 80-2.020 (9) (A) and (B)].
Fees:	The application fee is \$2,000. The applicant also must reimburse the department for all reasonable costs incurred by the department in the course of the permit review, to a maximum of \$8,000.
Required Documents:	Completed application form, site geologic and hydrologic approval from the Geological Survey Resources Assessment Division (GSRAD), design and operating plans and specifications, demonstration of compliance with all applicable local planning and zoning requirements, closure financial assurance instrument and history of past environmental violations. In addition, a water pollution permit will be required and an air pollution permit may be required.
Length of Permit:	Coincides with the disposal area's anticipated life.
Average Processing Time:	10 to 12 months
Public Participation:	Public notice, public awareness session, community involvement session and public hearing on draft permit required.
Applicable Statutes:	RSMo 260.200 through 260.345
Applicable Rules:	10 CSR 80-1.010 through 80-4.010 and 10 CSR 80-11.010

Solid Waste Disposal Area Operating Permit

Regulated Activities:	The operation of solid waste disposal area.
Fees:	Not applicable
Required Documents:	Quality assurance/quality control documents and owner certification form. A post-closure financial assurance instrument.
Length of Permit:	Coincides with the disposal area's anticipated life.

Average Processing Time:	60 days
Public Participation:	Not applicable
Applicable Statutes:	RSMo 260.200 through 260.345
Applicable Rules:	10 CSR 80-2.020

Solid Waste Processing Facility Construction Permit

Regulated Activities:	The construction of solid waste processing facilities. These are facilities such as incinerators, material recovery facilities and transfer stations where solid wastes are salvaged, processed or treated. Certain limited solid waste processing activities may be exempt from permit requirements [Reference 10 CSR 80-2.020 (9) (A)].
Fees:	The application fee is \$1,000. The applicant also must reimburse the department for all reasonable costs incurred by the department in the course of the permit review, to a maximum of \$4,000.
Required Documents:	Completed application form, design and operating plans and specifications and history of past environmental violations. In addition, air pollution or water pollution permits may be required.
Length of Permit:	Coincides with the facility's anticipated life.
Average Processing Time:	6 to 12 months
Public Participation:	Public notice required; public hearing upon request.
Applicable Statutes:	RSMo 260.200 through 260.345
Applicable Rules:	10 CSR 80-1.010, 80-2.010, 80-2.020, 80-2.080 and 80-5.010

Solid Waste Processing Facility Operating Permit

Regulated Activities:	The operation of solid waste processing facilities.
Fees:	Not applicable
Required Documents:	Quality assurance/quality control documents and owner certification form.
Length of Permit:	Coincides with the processing facility's anticipated life.
Average Processing Time:	60 days
Public Participation:	Not applicable

Applicable Statutes: RSMo 260.200 through 260.345

Applicable Rules: 10 CSR 80-2.020

Infectious Waste Processing Facility Construction Permit

Regulated Activities: The construction of off site infectious waste treatment or processing facilities. If the treatment or processing facility is a hospital as defined in Chapter 197, RSMo, it may be exempt from permit requirements.

Fees: The application fee is \$1,000. The application also must reimburse the department for all reasonable costs incurred by the agency in the course of the permit review, to a maximum of \$4,000.

Required Documents: Completed application form, design and operating plans and specifications, and history of past environmental violations. In addition, air pollution or water pollution permits may be required.

Length of Permit: Coincides with the facility's anticipated life.

Average Processing Time: 6 to 12 months

Public Participation: Public notice required; public hearing upon request.

Applicable Statutes: RSMo 260.200 through 260.345

Applicable Rules: 10 CSR 80-2.010, 80-2.020, 80-2.070, 80-5.010 and 80-7.010

Infectious Waste Processing Facility Operating Permit

Regulated Activities: The operation of infectious waste processing facilities.

Fees: Not applicable

Required Documents: Quality assurance/quality control documents and owner certification form.

Length of Permit: Coincides with the processing facility's anticipated life.

Average Processing Time: 60 days

Public Participation: Not applicable

Applicable Statutes: RSMo 260.200 through 260.345

Applicable Rules: 10 CSR 80-2.020

Waste Tire Site Permit

Regulated Activities:	Storage of 500 or more whole, cut, chipped or shredded waste tires.
Fees:	The permit application fee is \$200 and the applicant must reimburse the department for all reasonable cost incurred by the department in the course of the application review to a maximum of \$2,000. If both a site and processing permit are required and applied for simultaneously, only one permit fee and one application review fee will be charged.
Required Documents:	Completed application form, site and operational plans, closure plans, financial assurance instrument, contingency plans, fire protection plan, site control plan, inventory information, vector control and record keeping plans. In addition, permits from the Water Pollution Control Program and Air Pollution Control Program may be required. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.
Note:	No new waste tire sites may be permitted, nor may existing storage sites expand in size after August 1997 unless they are located at a permitted processing facility.
Length of Permit:	Issued for the life of the facility, but can be reopened for review or modification.
Average Processing Time:	Three to twelve months
Public Participation:	Not required
Applicable Statutes:	260.200 through 260.345
Applicable Rules:	10 CSR 80-8.040

Waste Tire Processing Facility Permit

Regulated Activities:	Processing (shredding, cutting, chipping or otherwise altering) waste tires for recycling, resource recovery or disposal. A permit is required if more than 24 tires are on site at any time.
Fees:	The permit application fee is \$200 and the applicant must reimburse the department for all reasonable costs incurred by the department in the course of the application review to a maximum of \$2,000. If both a site and processing permit are required and applied for simultaneously, only one permit fee and one application review fee will be charged.
Required Documents:	Completed application form, site and operational plans, fire protection plan, site control plan, inventory information, vector control and record keeping plans. Inventory of unprocessed waste tires cannot exceed the number that can be processed in six months and the inventory of processed tires cannot exceed two times that of the unprocessed

tires. Estimated inventory shall be based upon the capacity of the processing equipment or on the volume processed in the previous year. In addition, permits from the Water Pollution Control Program and Air Pollution Control Program may be required. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Length of Permit: Issued for the life of the facility, but can be reopened for review or modification.

Average Processing Time: Three to twelve months

Public Participation: Not required

Applicable Statutes: 260.200 through 260.345

Applicable Rules: 10 CSR 80-8.050

Waste Tire End-User Registration

Regulated Activities: The use of waste tires as a fuel or as a useable product, including baled or compressed tires used in structures, recreational facilities or for erosion control. Prior approval is required if more than 100 waste tires are used for any purpose.

Fees: None

Required Documents: Completed registration form. Inventory of unprocessed waste tires cannot exceed the number that can be used in six months and the inventory of processed tires cannot exceed two times that of the unprocessed tires. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Length of Permit: Issued for the life of the facility.

Average Processing Time: One to four weeks

Public Participation: Not required

Applicable Statutes: 260.200 through 260.345

Applicable Rules: 10 CSR 80-8.060

Waste Tire Hauler Permit

Regulated Activities:	Hauling waste tires for consideration or commercial profit. A person who is hauling waste tires that have been generated at their own business or residence is not required to obtain a permit to haul waste tires, provided that such transportation is done using their own employees and vehicles.
Fees:	The permit application fee is \$100
Required Documents:	Completed application form. All required materials are to be submitted to the Missouri Department of Transportation's Motor Carrier Services Unit. Call (573) 751-3358 for more information.
Length of Permit:	One year
Average Processing Time:	Two to four weeks
Public Participation:	Not required
Applicable Statutes:	260.200 through 260.345
Applicable Rules:	10 CSR 80-8.030

Water Pollution Control Permits

Missouri Department of Natural Resources
Water Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-1300

Or contact your nearest regional office of the department.

Sewer or Sewage Treatment Plant Construction Permit

Regulated Activities:	The construction of sewer lines or sewage-treatment devices.
Fees:	\$75 for under 1,000 feet of sewer line; \$300 for 1,000 feet or more of sewer line; \$750 for a sewage treatment plant under 500,000 gallons per day flow; \$2,200 for a sewage treatment plant of 500,000 gallons per day or more flow.
Required Documents:	Completed application form, engineering report, detailed plan and specifications, planning and zoning approval and a geological evaluation from the Geological Survey and Resources Assessment Division.
Length of Permit:	One year
Average Processing Time:	180 days
Public Participation:	None required for sewers; public notice and a 30 day comment period for sewage-treatment plants, plus a public hearing may be held if one is requested.
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.010, 20-6.011, and 10 CSR 20-8

Operating Permit

National Pollutant Discharge Elimination System (NPDES*)

Regulated Activities:	Surface or groundwater discharges from industrial process facilities, sewage treatment plants, pipes, ditches or other water conveyance structures and stormwater runoff (see stormwater runoff section).
Fees:	Non-industrial discharges vary from \$100 to \$3,500 per year based on design flow. Municipalities and publicly owned sewer districts shall pay \$.40 - \$.80 per residential sewer hookup and the amount is determined by the number of water hookups. Industrial and commercial rates are \$3.00 - \$25.00 based on the size of their incoming water line and the maximum fee for any single business is \$700. Industrial discharges are based on design flow, \$1,500 -

\$3,000 if design flow is less than one million gallons per day and \$2,500 - \$5,000 if design flow is equal to or greater than one million gallons per day.

Required Documents: Completed application form.

Length of Permit: Not to exceed five years.

Average Processing Time: 180 days

Public Participation: Public notice and a 30 day comment period; public hearing may be held upon request.

Applicable Statutes: RSMo 644

Applicable Rules: 10 CSR 20-6 and 10 CSR 20-7

*(*National Pollutant Discharge Elimination System – satisfies permit requirements from the federal Clean Water Act)*

Wetland or Dredge and Fill Approval

Regulated Activities: Required for any construction, placement, disposal or fill material or earth movement within a wetland or other body of water. The department administers 401 certification and the U.S. Army Corps of Engineers administers 404 permits. Bridges, retaining walls, bank stabilization, levees and similar projects typically require 401/404 approvals.

Fees: None to state. Some U.S. Army Corps of Engineers' permits require fees.

Required Documents: Completed Corps of Engineers application form No. 4345, maps and drawings; written requests to the Missouri Department of Natural Resources should ask for 401 certification.

Length of Permit: Varies according to nature of project.

Average Processing Time: 60 days

Public Participation: 30 day comment period; public notice issued by Corps of Engineers

Applicable Statutes: Federal Clean Water Act, Section 401

Applicable Rules: 10 CSR 20-6

Heat Pump Permit

Regulated Activities:	Underground injection of water for large (>600,000 BTU/hr.) (also called “50 ton”) multi-residential open-loop heat transfer systems, and all commercial open loop heat pumps.
Fees:	\$75 per application
Required Documents:	Questions at 10 CSR 20-6.070(2) (B) must be answered in letter form.
Length of Permit:	Five years, maximum
Average Processing Time:	60 days. Must be received 60 days before construction begins.
Public Participation:	Public notice and 30 day comment period required
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.070

Underground Injection Control Permit

Regulated Activities:	Underground injection of water and other substance for the purpose of aquifer cleanup activities.
Fees:	\$1,500 per year.
Required Documents:	Completed application forms UIC I, UIC II and other information of a site specific nature such as maps.
Length of Permit:	Five years, maximum
Average Processing Time:	90 days
Public Participation:	Public notice and 30 day comment period required.
Applicable Statutes:	RSMo 577 and 644
Applicable Rules:	10 CSR 20-6.090, and 20-6.011

Land Application Construction and Operating Permits (NPDES*)

Regulated Activities:	Construction and Operating permits are required for the land application of liquid or solid residue from domestic or industrial operations and associated waste storage, treatment facilities and distribution systems. This includes wastewater irrigation, biosolids land application, composting facilities and similar activities.
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Fees:	No additional fees are required if the land application is permitted under provisions of the generator's existing State Operating Permit. If separate permits are required, contact the program for fee estimates.
Required Documents:	Completed application form, engineering report, detailed plans and specifications, geological investigation by GSRAD, topographic site maps, soils report, nutrient management plan, operation and maintenance manuals, wastewater characteristics and environmental assessment.
Length of Permit:	Five years, maximum
Average Processing Time:	90 to 180 days
Public Participation:	Public notice and 30 day comment period, plus a public hearing if one is requested.
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.010, 20-6.011, 20-6.015, 20-6.200, 20-7.015, 20-7.031, 20-8.020 and 20-8.500

*(*National Pollutant Discharge Elimination System – satisfies permit requirements from federal Clean Water Act)*

Animal Feeding Operation Letter of Approval

Regulated Activities:	Voluntary approval of “no discharge” waste management systems for animal feeding operations that are exempted from permitting requirements. Those animal feeding operations that are not confined animal feeding operations.
Fees:	None
Required Documents:	Completed application form, engineering report, detailed plans and specifications, geological investigation by GSRAD, topographic site maps, soils report, nutrient management plan and Operation and Maintenance Manual.
Length of Permit:	Varies, coincides with life of facility. Automatic termination if a discharge occurs.
Average Processing Time:	90 to 180 days
Public Participation:	None required
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.010, and 20-6.300

Concentrated Animal Feeding Operation Construction and Operating Permits (NPDES*)

Regulated Activities:	No discharge waste management collection, holding, treatment and land application systems for concentrated animal feeding operations (CAFOs). Construction and Operating permits are required for all CAFOs. CAFOs include animal feeding operations larger than 1,000 animal units and some animal feeding operations sized between 300 and 999 animal units.
Fees:	\$150 general permit; \$750 - \$2,200 for construction permit, depending on flow; \$5,000 per year for site specific permit, Class IA facility.
Required Documents:	Completed application form, engineering report, detailed plans and specifications, geological investigation by GSRAD, topographic site maps, soils report, nutrient management plan, Operation and Maintenance manual and proof of Neighbor Notice.
Length of Permit:	Five years, maximum
Average Processing Time:	90 to 180 days
Public Participation:	Public notice and 30 day comment period, plus a public hearing, if one requested. Applicants must provide Neighbor Notice prior to submitting construction permit application.
Applicable Statutes:	RSMo 644 and 640.700 – 640.750
Applicable Rules:	10 CSR 20-6.010, 20-6.300, 20-8.020, 20-8.500, 20-7.015 and 20-7.031

*(*National Pollutant Discharge Elimination System – facilities receiving the operating permit satisfies the permit requirements of the federal Clean Water Act)*

Stormwater Permit (NPDES*)

Regulated Activities:	Stormwater runoff from certain industries; land disturbance activities of one acre or more; separate storm sewers in municipalities with populations of 100,000 or more not on combined sewers.
Fees:	\$150 annually for a general permit. \$1,350 annual for design flows under 1,000,000 gallons per day and \$2,350 annually for design flows over 1,000,000 gallons per day for a site-specific stormwater permit. \$300 for a general permit for the discharge of stormwater from a land disturbance site.
Required Documents:	Completed application forms
Length of Permit:	Five years, maximum

Average Processing Time:	21 – 60 days for a general permit; 90 – 180 days for a site-specific permit.
Public Participation:	Site specific permit: minimum of 30 day public notice; General permit: none required for individual facility if appropriate statewide general permit is in place. Otherwise, 30 days public notice is required before processing of a suitable statewide general permit.
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.200

*(*National Pollutant Discharge Elimination System – satisfies permit requirements from federal Clean Water Act)*

General Permits

General permits are available for many wastewater operating permits, concentrated animal feeding operation permit and stormwater permit requirements outline above. General permits are issued for a five year period and have an initial annual permit fee of \$150. The fee decreases to \$60 a year after the initial permit expires and a renewed permit is issued. The general permits available at this time are listed below with the application form number following in parentheses.

Water Pollution Control General Permits in Effect

Abandoned Mine Land Rec >5 acres – (G05)
 Ag/Wood/Food Compost Sites (G09)
 Agrichemical Facilities – SIC 5191 (R24)
 Airports (R80F)
 CAFO (G01)
 Car Wash (G75)
 Chemical Mfg. (R23A)
 Clay Pits – (G84)
 Dredging Lakes/River Harbor – (G69)
 Fabrication Metal, Light Industrial/Structural/Foundries – (R203)
 Feed Stock Compost Sites (G92)
 Fish Farms/Hatcheries (G13)
 Food and Kindred Products – (R12A)
 Fuel Spill Cleanup – (G94)
 Hazardous Waste Clean-up at Burlington Northern Railroad Facilities (R80J)
 Heat Pumps (G251)
 Hydro Testing Non-Petroleum Related Pipelines and Storage Tanks – (G685)
 Hydrostatic Testing Petroleum Related Pipelines and Tanks – (G67)
 Land Disturbance > one acre – (R101, R109)
 Land Disturbance by City or County, (R100)
 Land Disturbance in City/Co. w/ program, (R100A)
 Land Disturbance in Designated areas, (R109)
 Limestone Quarries – (G49)
 Lumber and Wood Primary – (R22A)
 Lumber and Wood Secondary – (R22C)
 Motor Freight/Passenger/U.S. Postal Transportation (R80C)

Motor Vehicle Salvage (R60A)
Oil/Water Separators (G14)
Paper and Allied Products (R14A)
Petroleum Storage < 250,000 gallons – (G35)
Plastics and Rubber Mfg. (R23D)
Railroad Transportation (R80R)
Sand and Gravel Washing (G50)
Small Municipal Separate Storm Sewer System (M54) (R04)
Soil Treatment Cells (R401)
Soil Washing Storage Tanks (R409)
Solid Waste Transfer (R80H)
Swimming Pools Discharges – (G76)
Textile and Apparel Products/Printing & Publishing Operations – (R13)
USDOD – USAF Missile Launch Facilities – (R10A)
Water Treatment Plant Settling Basins – (ex. MO and MISS) (G64)
Water Transportation (R80E)
Yard Waste Compost Sites – (G97)
Zeolite Softeners – (G641)

No-Discharge General Permits

Land Application of domestic wastewater Biosolids 2000 or less – (G821)
Meat Slaughtering – (G822)

Dam and Reservoir Safety Permits

Missouri Department of Natural Resources
Geological Survey and Resources Assessment Division
Dam and Reservoir Safety Program
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2175

Construction Permit

Regulated Activities:	Construction and modification of all non-federal, non-agricultural dams at least 35 feet tall.
Fees:	None
Required Documents:	Completed application form, which includes plans, specifications, engineering calculations and certifications.
Length of Permit:	One year to start construction, one year to complete construction.
Average Processing Time:	45 days

Registration and Safety Permits

Regulated Activities:	Operation of any non-federal, non-agricultural dams at least 35 feet tall.
Fees:	None
Required Documents:	Completed application form, which includes an inspection report, engineering calculations, certifications and a maintenance and operation plan. Inspections for first registration permit and renewal inspections for both registration and safety permits are performed by Dam and Reservoir Safety Program (DRSP) staff at no cost to the owner.
Length of Permit:	Up to five years.
Average Processing Time:	45 days
Public Participation:	None required
Applicable Statutes:	RSMo 236.400 through 236.500
Applicable Rules:	10 CSR 22-3.020, 22-3.030 and 22-3.050

Major Water Users Registration

Missouri Department of Natural Resources
Geological Survey and Resources Assessment Division
Major Water Users Program
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2188

Major Water Users Registration

Regulated Activities:	In 1983, the Missouri General Assembly passed a law requiring all major water users to register their water use annually. A major water user is defined as any person, firm, corporation, agency of the state of Missouri or any political subdivision with a water source and necessary equipment to withdraw or divert 100,000 gallons or more per day from any stream, river, lake, well, spring or other water source. This means that anyone with equipment capable of pumping or diverting water at seventy gallons per minute or more may be considered to be a major water user. However the law does not apply to dredging operations or water withdrawn from ponds which collect and hold surface water and which are located upon property owned or leased by the withdrawer "so long as the common law rights of the downstream owners are not abridged".
Fees:	None
Required Documents:	Completed Water-Use Inventory form, a Source of Water form and a map showing the location of the water source by section, township and range. Forms can be obtained at: www.dnr.state.mo.us/dgls/wrp/waterusestatutes.html .
Length of Permit:	For the life of the water source.
Average Processing Time:	Two weeks
Public Participation:	None
Applicable Statutes:	RSMo 256.400 through 256.430

Operator Certifications

Missouri Department of Natural Resources
Environmental Assistance Office
Operator Certification and Training Unit
P.O. Box 176
Jefferson City, MO 65102
(573) 751-1600 or toll free at 1-800-361-4827

Wastewater Operator Certification

Regulated Activities:	All wastewater treatment facilities owned or operated by or for municipalities, public water or sewer districts, counties, private sewer companies regulated by the Public Service Commission and any state or federal agencies serving population equivalents greater than 200 or with 50 or more service connections are required to have certified wastewater operators. All other systems are exempt.
Fees:	Examination - \$45 (includes certificate when passed) Renewal - \$45 Reciprocity - \$65
Required Documents:	Completed application form with supporting documentation on employment and education.
Length of Certification:	Three years
Average Processing Time:	You must apply at least 30 days prior to examination.
Applicable Statutes:	RSMo 644.026
Applicable Rules:	10 CSR 20-9.020, 20-9.030 and 20-9.040

Concentrated Animal Feeding Operations (CAFO), Waste Management System Operator Certification

Regulated Activities:	Requirements for operation by certified personnel shall apply to Class IA wet and dry handling CAFO waste management systems. All other CAFO waste management systems are exempt from this rule unless the department determines that certified personnel are necessary to protect the waters of the state from pollution or the placement of a contaminant in a location where it is reasonably certain to cause pollution of any waters of the state. Voluntary certification is available for CAFO operators and supervisors at facilities that are exempt.
Fees:	Examination - \$45 (includes certificate when passed) Renewal - \$45 Reciprocity - \$65.
Required Documents:	Completed application form with supporting documentation on employment and education.

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 644.026

Applicable Rules: 10 CSR 20.14.010, 20.14.020 and 20.14.030

Water Supply Operator Certification

Regulated Facilities: All community and certain non-community public water systems are classified according to the system capacity, source, character of water being produced, treatment complexity and other physical conditions affecting the system. This classification determines the certification level that the system's chief operator must possess.

Fees: Examination - \$45 (includes certificate when passed)
Renewal - \$45
Reciprocity - \$65

Required Documents: Completed application form with supporting documentation on employment and education.

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 640.100

Applicable Rules: 10 CSR 60-14.010, 60-14.020 and 60-14.030

Solid Waste Technician Certification

Missouri Department of Natural Resources
Solid Waste Management Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-5401

Regulated Facilities: All Missouri Department of Natural Resources permitted solid waste disposal areas are required to be operated under the direction of a certified solid waste technician.

Fees: Certification courses are free. There is a charge for the training manual.

Required Documents: Completed application form.

Length of Certification: Three years from the date the final course examination was taken and passed with a minimum percent score of 70.

Average Processing Time: Five working days after completion of examination.

Applicable Statutes: RSMo Section 260.200 and 260.205

Applicable Rules: 10 CSR 80-2.010 and 80-2.060

Asbestos Abatement Occupational Certification

Missouri Department of Natural Resources
Air Pollution Control Program
Asbestos Compliance Unit
P.O. Box 176
Jefferson City, MO 65102
(573) 751-4817

Regulated Activities: Occupational involvement in an asbestos abatement projects including workers, supervisors, inspectors, management planners, project designers and air sampling professionals.

Fees: \$75 per certificate for all except workers
\$25 per certificate for all workers
\$5 renewal fees

Required Documents: Completed application forms; certificates of the appropriate Missouri accredited training; documentation as required for the different certifications including proof of experience, education or certification in other specialties.

Length of Permit: One year except for the air sampling professional, which is a lifetime certificate.

Average Processing Time: Three weeks

Public Participation: None required

Applicable Statutes: RSMo 643.225 through 643.250

Applicable Rules: 10 CSR 10-6.250

Well Driller/Pump Installer Permit

Missouri Department of Natural Resources
Geological Survey and Resources Assessment Division
Wellhead Protection Section
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2165 fax: (573) 368-2317

Regulated Activities: Separate permits required for a water well, heat pump, monitoring well, test hole and/or pump installation contractor to operate in the state. A restricted permit is required for those who contract or supervise regulated activity. A non-restricted permit is required for those who do the regulated activity.

Fees:

Contractor:	\$50 for each regulated activity.
Rigs:	No fees for rigs.
Testing:	\$25 for each type of test. This fee is for the one time proficiency exam required to be passed prior to issuing a permit to operate in Missouri.

Required Documents: Completed application with correct fee. A completed experience voucher is required for a non-restricted permit.

Length of Permit: One year

Average Review Time: 15 days

Applicable Statutes: RSMo 256.607, 256.611, 256.613, 256.617 and 256.623

Applicable Rules: 10 CSR 23-1.050, 23-1.060, 23-1.080, 23-1.090, 23-1.105, 23-1.155 and 23-2.010

Blaster Certification – Surface Coal Mining

Missouri Department of Natural Resources
Land Reclamation Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-4041 fax: (573) 751-0534

Regulated Activities: Coal mining and exploration activities, which require the use of explosives to aid in the removal of the raw coal. The purpose is to govern the training, examination, certification and enforcement of a blaster certification program for surface coal mining operations.

Fees: The certification application and recertification issuance fees are \$100. Reexamination and temporary certificate fees are \$25.

Required Documents:	The applicant must complete an application form, provide verification of training courses attended and submit verification of experience or on-the-job training, or both. The applicant must have completed an approved training course of at least two days in length. For recertification, the course shall be at least one day in length and cover the practical applications outlined in 10 CSR 40-3.160(3)(A). A written test is be required for Missouri certification.
Length of Certification:	Regular certification is for three years and temporary certification is for six months, or not to exceed the balance of the time left on the blaster certificate, which was issued by a state that has an Office of Surface Mining approved blaster certification program.
Average Processing Time:	Certificates will be issued within 15 working days after submitting the required documentation and completing an examination administered by the state of Missouri.
Public Participation:	Public notice is not required.
Applicable Statutes:	RSMo 444.855.2.(15)(d)
Applicable Rules:	10 CSR 40-3.160

Backflow Prevention Assembly Tester Certification

Missouri Department of Natural Resources
Public Drinking Water Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-5331

Regulated Activities:	Requirements for those individuals desiring to be certified backflow prevention assembly testers.
Fees:	\$25 application for examination (there may be an additional fee for the third-party proctor).
Required Documents:	Any person seeking to be a certified tester must successfully pass the written and performance examination provided through either the American Backflow Prevention Association (ABPA) or the American Society of Sanitary Engineering (ASSE). Both certification programs require a third-party proctor to administer the written and performance examinations.
Length of Certification:	Three years
Average Processing Time:	21 days
Applicable Statutes:	RSMo 640.100
Applicable Rules:	10 CSR 60-11.030

Oil and Gas Well Permits

Missouri Department of Natural Resources
Geological Survey and Resources Assessment Division
Geological Survey Program
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2168

Construction/Operation Permits

Regulated Activities:	Construction and operation of all oil, gas and injection wells related to oil or gas production.
Fees:	None
Required Documents:	Completed application package, which includes organization report form, bond, survey and completion reports.
Length of Permit:	Life of the well operation. Injection well permits are reviewed every five years.
Average Processing Time:	15 days
Public Participation:	None for oil and gas production wells; injection wells require a public notice and 15 day comment period.
Applicable Statutes:	RSMo 259.010 through 259.230
Applicable Rules:	10 CSR 50-1.010 through 50-5.010

Water Well Registration and Certification

Missouri Department of Natural Resources
Geological Survey and Resources Assessment Division
Wellhead Protection Section
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2165 fax: (573) 368-2317

Well Certification

Regulated Activities:	The construction of any water well, monitoring well, mineral exploratory well or ground source heat pump system.
Fees:	\$35 for monitoring well and water well certification. This fee is paid by the owner and collected by the contractor. \$40 for ground source heat pump system of 50 tons or less. \$75 for ground source heat pump system of more than 50 tons.
Required Documents:	A Well Certification Report certifying the proper construction of the well or system must be sent to the Geological Survey and Resources Assessment Division by the contractor within 60 days of completion.
Length of Certification:	For the life of the well.
Average Review Time:	30 days
Applicable Statutes:	RSMo 256.614
Applicable Rules:	10 CSR 23-3.010, 23-3.060, 23-4.020 and 23-5.020

Well Registration

Regulated Activities:	The reconstruction of wells and plugging of abandoned wells.
Fees:	None
Required Documents:	A registration record for the reconstruction or plugging of wells is to be submitted by the contractor or owner within 60 days of completion.
Length of Permit:	For the life of the reconstructed well. Plugging of abandoned wells is a one-time registration.
Average Review Time:	10 days
Applicable Statutes:	RSMo 256.614, 256.615, 256.623 and 256.628
Applicable Rules:	10 CSR 23-3.025, 23-3.060, 23-3.110, 23-4.080, 23-5.080 and 23-6.050

Section 106 Review

Missouri Department of Natural Resources
Historic Preservation Office
P.O. Box 176
Jefferson City, MO 65102
(573) 751-7858

Section 106 Review

Overview:	The Historic Preservation Office (HPO) conducts reviews and provides comments on historic properties and possible effects, for all projects that are federally funded, licensed, or permitted, either directly through the federal agency, or by delegation of the federal agency to the states. For example, Community Development Block Funds (CDBG) originate with the U.S. Department of Housing and Urban Development which has delegated certain responsibilities for compliance to the Missouri Department of Economic Development. If you are in doubt as to a federal connection to your project, contact the Historic Preservation Office.
Regulated Activities:	Projects which are federally funded, licensed or permitted are reviewed by the SHPO staff, and comments are made on presence/absence of historic properties and effects of the proposed project on historic properties.
Fees:	None
Required Documents:	Completed Section 106 Project Information Form, which may be downloaded from the SHPO Web site at www.dnr.mo.gov/shpo . Please note that supporting documentation is listed on the Form and may include, as appropriate for your project, 7-1/2 min. USGS topographic maps, street maps, project specific maps, black and white or color print photographs.
Average Processing Time:	Section 106 provides that the SHPO be given 30 calendar days from receipt of information. If a submission is incomplete, a request for additional information is sent to the applicant, and ends the 30 day review period. Additional information submitted to the SHPO starts the 30 days review period over again. If historic properties are identified near or within a project area of potential effect, further steps may be required, which may increase the review and comment time.
Public Participation:	Public notice and an opportunity for public comment is required.
Applicable Laws:	National Historic Preservation Act of 1966 (P.L. 89-665, as amended). This may be downloaded from the Advisory Council on Historic Preservation Web site at www.achp.gov .
Applicable Regulations:	36 CFR Part 800, Protection of Historic Properties. This may be downloaded from the Advisory Council on Historic Preservation Web site at www.achp.gov .